

Fig 2

CREATE Record

198

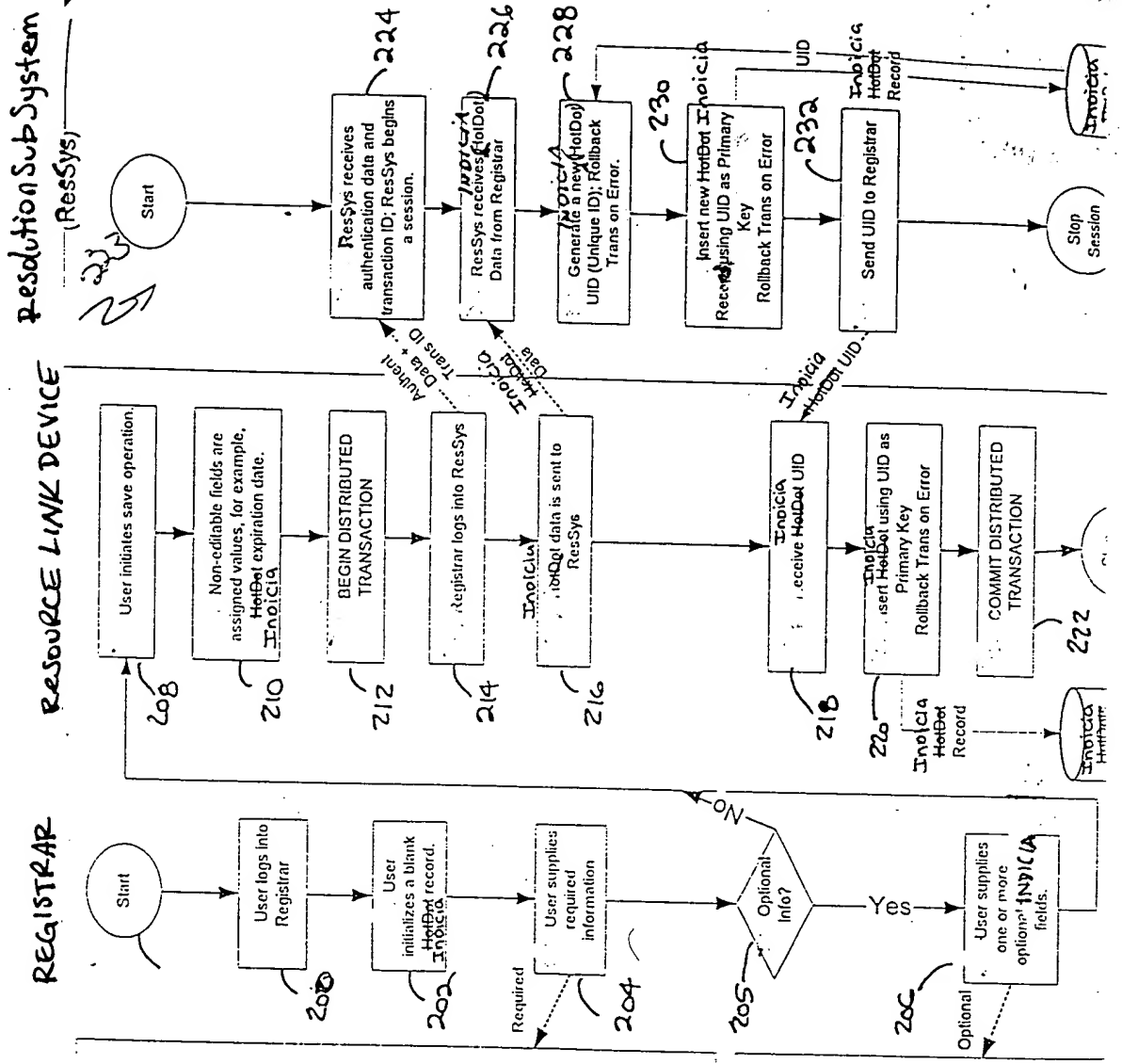
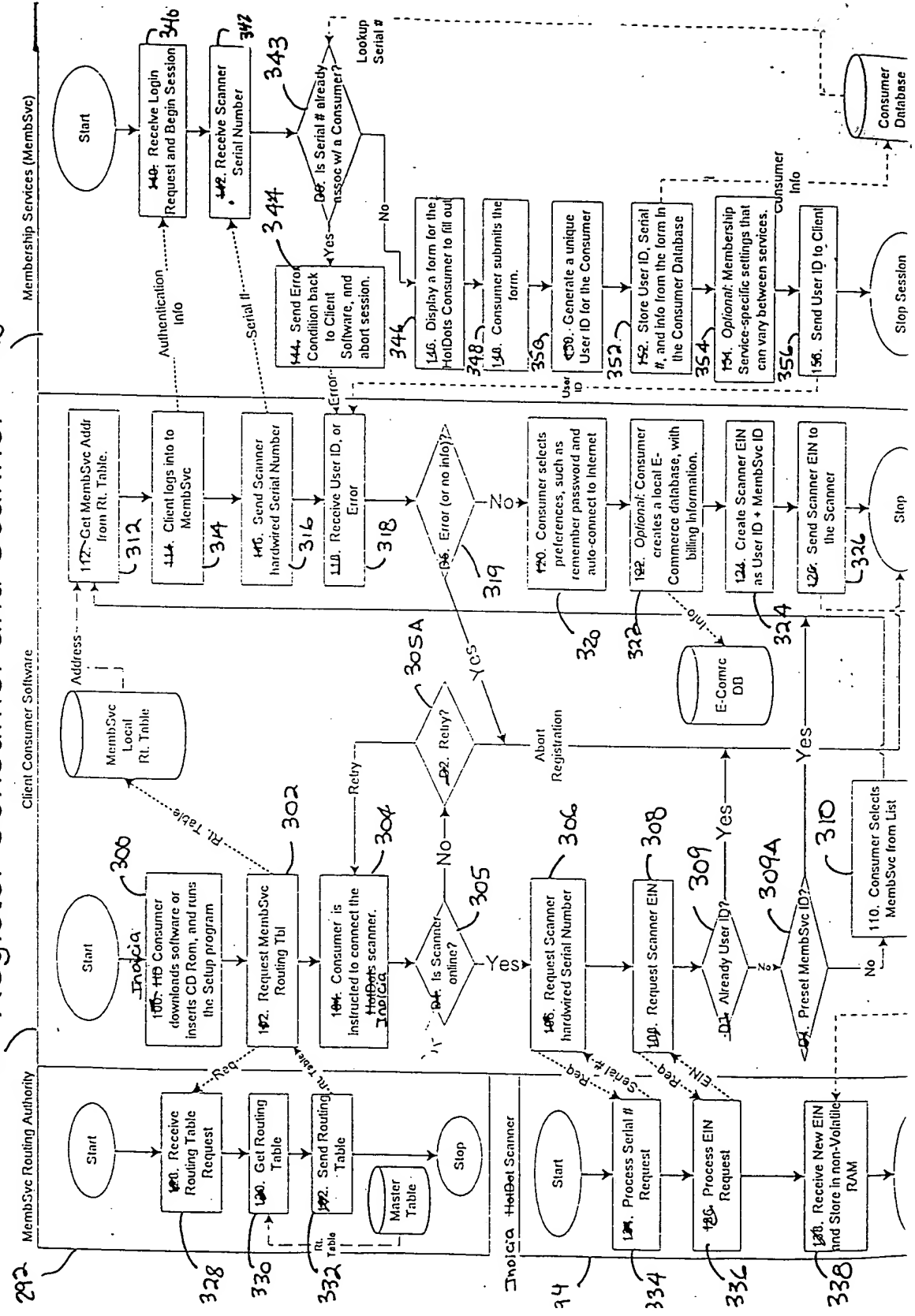


FIG 3

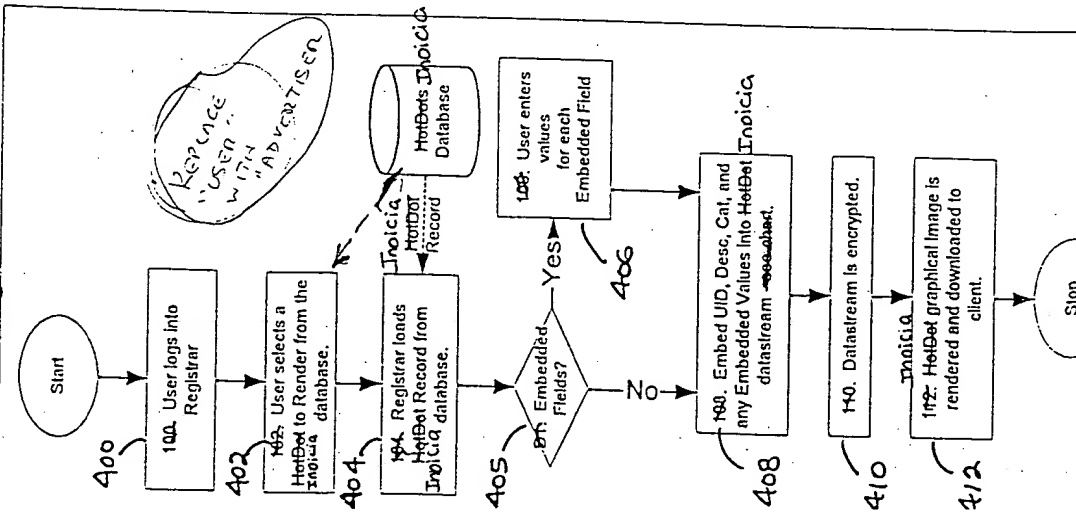
FIG 4

296 Register Consumer and Scanner



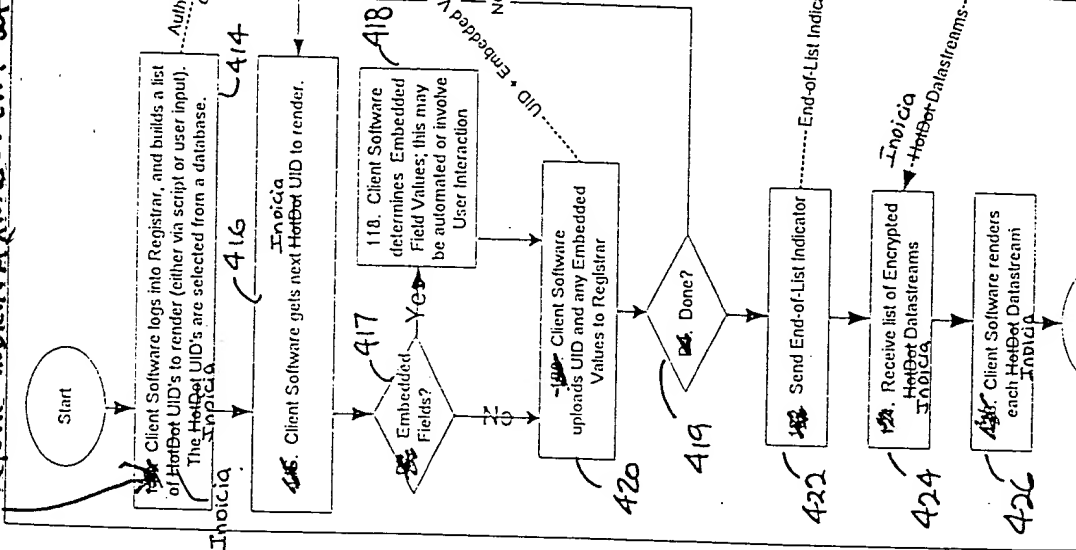
396
398

Registrar



RENDER INDICIA RECORD

394 Client INDICIA MANAGEMENT SOFTWARE



392 Registrar

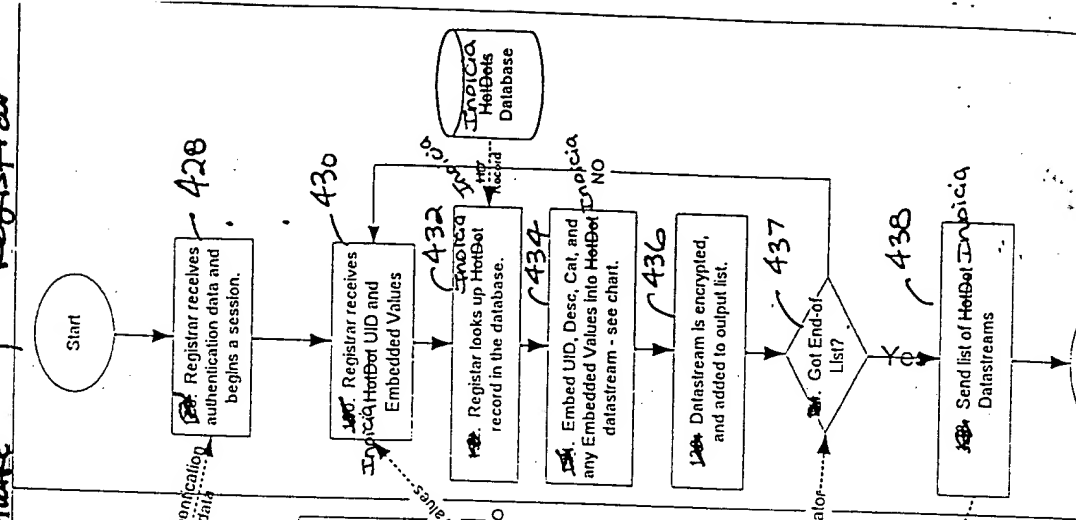


FIG 5

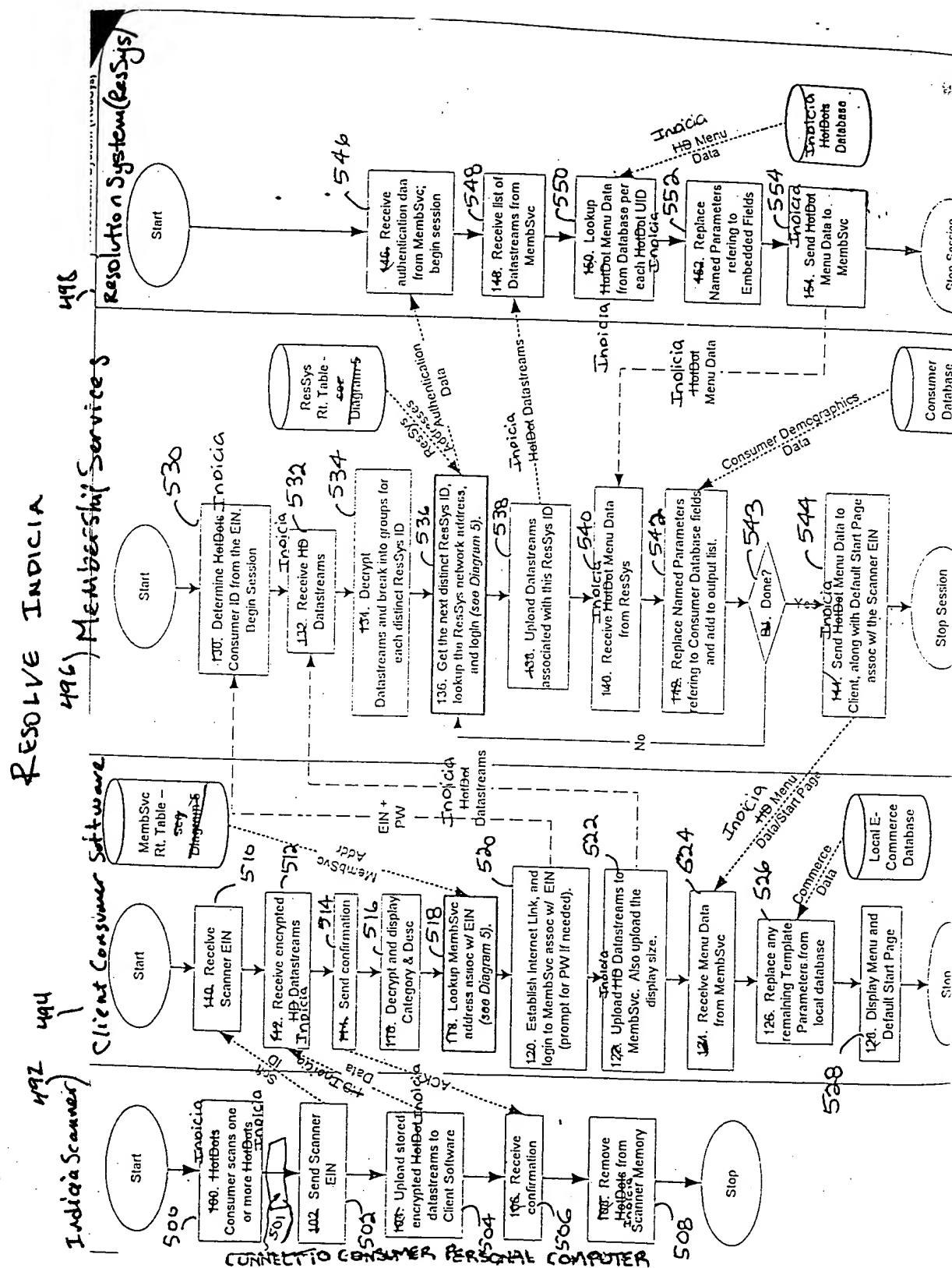


Fig 2

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graph TD
    Start([Start]) --> 601[601. Obtain network addresses associated with the SubSystem ID from the Local Routing Table (LRT) for the SubSystem Type, sorted by geographic proximity.]
    601 --> 603{603. Was the routing data available?}
    603 -- Yes --> 604[604. Get the next address from the list (starting with the nearest)]
    603 -- No --> 605{605. Is the system available?}
    604 --> 605
    605 -- Yes --> 606[606. Return the SubSystem Network Address]
    605 -- No --> 607{607. Any more addresses?}
    607 -- Yes --> 604
    607 -- No --> 608{608. Does the LRT already been updated?}
    608 -- Yes --> 612[612. Return "Not Found"]
    608 -- No --> 609[609. Contact External Routing Authority, and request the Routing Table associated with the SubSystem Type]
    609 --> 610[610. Update Local Routing Table]
    610 --> 601
    606 --> Stop([Stop])
    612 --> Stop
    
```